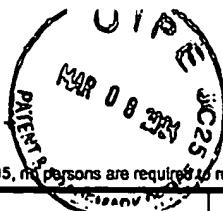


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Application Number	10/698,928
Filing Date	31 Oct 2003
First Named Inventor	Boyer et al.
Group Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	45198.00046.UTL

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (If Known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
YD	AA	3,116,282		Hunter	12-31-1963	
	AB	4,440,740		Fix et al.	04-03-1984	
	AC	4,537,772		De Castro et al.	08-01-1995	
	AD	4,692,441		Alexander et al.	09-08-1987	
	AE	4,729,989		Alexander et al.	03-08-1988	
	AF	4,731,360		Alexander et al.	03-15-1998	
	AG	4,749,694		Fix et al.	06-07-1988	
	AH	4,822,773		Alexander et al.	04-18-1989	
	AI	4,835,138		Alexander et al.	05-30-1989	
	AJ	4,847,298		Alexander et al.	07-11-1989	
	AK	4,963,525		Alexander et al.	10-16-1990	
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	AM	4,973,579		Alexander et al.	11-27-1990	
	AN	5,077,280		Sommadossi et al.	12-31-1991	
	AO	5,118,672		Schinazi et al.	06-02-1992	
	AP	5,159,067		Schinazi et al.	10-27-1992	
	AQ	5,464,748		Sommadossi et al.	11-07-1995	
	AR	5,567,689		Sommadossi et al.	10-22-1996	
	AS	5,599,686		DeFeo-Jones et al.	02-04-1997	
	AT	5,658,889		Gruber et al.	08-19-1977	
	AU	5,723,449		Sommadossi et al.	03-03-1998	
	AV	5,750,493		Sommadossi et al.	05-12-1998	
	AW	5,866,679		DeFeo-Jones et al.	02-02-1999	
	AX	5,948,750		Garsky et al.	09-07-1999	
	AY	5,990,093		Schinazi et al.	11-23-1999	
	AZ	6,054,587		Reddy et al.	04-25-2000	
	BA	6,110,903		Kasibhatla et al.	08-29-2000	
	BB	6,130,504		Nakayama et al.	10-10-2000	
	BC	6,143,864		DeFeo-Jones et al.	11-07-2000	
	BD	6,194,391		Lori et al.	02-27-2001	
	BE	6,177,404		DeFeo-Jones et al.	01-23-2001	
	BF	6,245,749		Schinazi et al.	06-12-2001	

Examiner Signature

T. A. Sola

Date Considered

6-17-05

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Examiner Name	To Be Assigned
Attorney Docket Number	45198.00046.UTL

YD	BG	6,284,748	Dang et al.	09-04-2001	
	BH	6,294,672	Reddy et al.	09-25-2001	
	BI	6,312,662	Erion et al.	11-06-2001	
	BJ	6,391,305	Feng et al.	05-21-2002	
	BK	6,395,716	Gosselin et al.	05-28-2002	
	BL	6,399,782	Kasibhatla et al.	06-04-2002	
	BM	6,407,077	Gosselin et al.	11-05-1999	
	BN	6,444,652	Gosselin et al.	09-03-2002	
	BO	6,458,773	Gosselin et al.	11-05-1999	
	BP	6,486,204	Waldstreicher et al.	11-26-2002	
	BQ	6,489,476	Dang et al.	12-03-2003	
	BR	6,525,033	Schinazi et al.	02-25-2003	
	BS	6,545,007	Sommadossi et al.	11-19-2001	
	BT	6,566,344	Gosselin et al.	05-20-2003	
	BU	6,569,837	Gosselin et al.	12-14-2001	
	BV	6,596,700	Sommadossi et al.	05-29-2001	
	BW	6,602,664	Schinazi et al.	02-26-2001	
	BX	6,635,636	Artico et al.	1021-2003	
	BY	2001-004-1713	Waldstreicher et al.	11-15-2001	
	BZ	2002-011-5596	Gosselin et al.	08-29-2002	
	CA	2002-012-0130	Bhat et al.	01-18-2002	
	CB	2002-014-7160	Shiratani	12-26-2002	
	CC	2002-019-3415	Sommadossi et al.	05-23-2001	
	CD	2003-005-0229	LaColla et al.	03-27-2003	
	CE	2003-006-0400	Imbach et al.	06-15-2001	
	CF	2003-008-3306	Imbach et al.	05-01-2003	
	CG	2003-023-2760	Garsky et al.	06-06-2003	
✓	CH	2004-000-6007	Gosselin et al.	09-30-2002	
✓	CI	2004-000-6002	Sommadossi et al.	09-30-2002	

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document ²		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³	Number ⁴				
YD	CJ	GB	2266525	A	Davies et al.	11-03-1993	
	CK	GB	2266527	A	Davies et al.	03-17-1999	
K	CL	NL	6511420			9-01-1963	Not translated
Examiner Signature	T. A. Sotola			Date Considered	6-17-05		

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First Named Inventor	Boyer et al.
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Attorney Docket Number	45198.00046.UTL

CM	WO	05/07287	A1	Gosselin et al.	03-16-1995	Not translated
CN	WO	97/49717	A1	Kazmina et al.	12-31-1997	" "
YO	CO	WO 00/009531	A2	Novirio Pharm.	02-24-2000	
CP	WO	00/03998	A1	La Colla et al.	01-27-2000	
CQ	WO	01/090121	A2	Sommadossi et al.	11-29-2001	
CR	WO	01/92282	A2	Sommadossi et al.	12-06-2001	
CS	WO	02/083126	A1	La Colla et al.	10-24-2002	
CT	WO	03/026675	A1	Gosselin et al.	04-03-2003	
CU	WO	03/026589	A2	Gosselin et al.	04-30-2003	
CV	WO	04/0003000	A2	Sommadossi et al.	01-08-2004	
CW	WO	04/002999	A2	Sommadossi et al.	01-08-2004	
CX	WO	04/002422	A2	Sommadossi et al.	01-08-2004	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author in CAPITAL LETTERS, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
YO	CY	ALEKSIUK et al., <i>J. Chem. Soc. Chem. Comm.</i> (1)11, (1993).	
	CZ	ARNER et al., <i>Pharmacol. Ther.</i> 67(2):155-86, (1995).	
	DA	ATTANSI et al., <i>Phosphorus Sulfur</i> 35(1-2), 63 (1988).	
	DB	AYRAL-KALOUSTIAN et al., <i>Carbohydr. Res.</i> 187 (1991).	
	DC	BHATIA et al., <i>Tetrahedron Lett.</i> 28(3), 271 (1987).	
	DD	CHU et al., <i>J. Het. Chem.</i> 22:1033 (1985).	
	DE	COPPI et al. <i>J. Org. Chem.</i> 53:911 (1988).	
	DF	DeWAZIERS et al., <i>J. Pharm. Exp. Ther.</i> , 253, 387-394 (1990).	

Examiner Signature

T. A. Sola /a

Date Considered

6-17-05

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Y0	DG	DYATKINA et al., <i>Tetrahedron Lett.</i> 35(13), 1961 (1994).	
	DH	FERRONI et al., <i>J. Org. Chem.</i> 64(13), 4943 (1999).	
	DI	FUJI et al., <i>J. Am. Chem. Soc.</i> 118(10):2521-2 (1996).	
	DJ	GAO, et al., <i>J. Org. Chem.</i> 53:4081 (1980).	
	DK	GREENE, T.W., <i>Protective Groups in Organic Chemistry</i> , John Wiley & Sons, New York (1999). <i>(outline only)</i>	
	DL	GORENSTEIN et al., <i>J. Am. Chem. Soc.</i> 5077 (1980).	
	DM	GISH et al., <i>J. Med. Chem.</i> 14, 1159 (1971).	
	DN	HADVARY et al., <i>Helv. Chim. Acta</i> 69(8), 1862 (1986).	
	DO	HANAOKA et al., <i>Heterocycles</i> 23(11), 2927 (1985).	
	DP	HARADA et al., <i>Tetrahedron Lett.</i> 28:4843 (1987).	
	DQ	HAYAKAWA et al., <i>Tetrahedron Lett.</i> 28(20), 2259 (1987).	
	DR	HESSLER, <i>J. Org. Chem.</i> 41(10):1828-1831 (1976).	
	DS	HOEFLER et al., <i>Tetrahedron</i> 56(11), 1485 (2000).	
	DT	HULST et al., <i>Tetrahedron Lett.</i> 1339 (1993).	

Examiner Signature

T. A. - Solola

Date Considered

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Examiner Initials ¹	Cite No. ²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
Y0	DU	JACOBSEN, E.N. et al., <i>Comprehensive Asymmetric Catalysis</i> (1999). (Outline only)
	DV	KOBAYASHI et al., <i>Tetrahedron Lett.</i> 27:4745 (1986).
	DW	LI et al., <i>Tetrahedron Lett.</i> 6615 (2001).
	DX	MARCH, J. <i>Advanced Organic Chemistry</i> , McGraw Hill Book Company, New York, (1977 edition) pp. 251-259.
	DY	MEEK et al., <i>J. Am. Chem Soc.</i> 110(7), 2317 (1988).
	DZ	MERCKLING et al., <i>Tetrahedron Lett.</i> 2217 (1996).
	EA	MOSBO et al., <i>J. Org. Chem.</i> 42, 1549 (1977).
	EB	MUKAIYAMA, <i>Org. React.</i> 28:203 (1982).
	EC	NOYORI, R. et al., <i>Asymmetric Catalysis on Organic Synthesis</i> (1994). (list of content only)
	ED	POSTEL et al., <i>J. Carbohydr. Chem.</i> 19(2), 171 (2000).
	EF	RAMACHANDRAN et al., <i>Tetrahedron Lett.</i> 38:761 (1997).
	EG	RATHORE et al., <i>Indian J. Chem. B.</i> 32(10), 1066 (1993).
↓	EH	ROODSARI et al., <i>J. Org. Chem.</i> 64(21), 7727 (1999).

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T. A. Solola

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YD	EI	SAKAMOTO et al., <i>Tetrahedron Lett.</i> 33:6845 (1992).
	EJ	SHEN et al., <i>J. Org. Chem.</i> 30:835-838 (1965).
	EK	SHIRAI, et al., <i>Bioorg. Med. Chem. Lett.</i> 88:1997-2000 (1998).
	EL	STROMBERG et al., <i>J. Nucleol.</i> 6(5), 815 (1987).
	EM	TAKAKU et al., <i>Chem. Lett.</i> (5) 699 (1986).
	EN	TAKAKU et al., <i>Nippon Kagaku Kaishi</i> (10), 1968 (1985). <i>Not translated</i>
	EO	THOUNG et al., <i>Bull. Soc. Chim. Fr.</i> 667 (1974).
YD	EP	TORNEIRO et al., <i>J. Org. Chem.</i> 62(18), 6344 (1997).
	EQ	TURNER et al., <i>J. Org. Chem.</i> 54:4229 (1989).
	ER	TURNER et al., <i>J. Org. Chem.</i> 55:4744 (1990).
	ES	VAN HAPEREN, RUIZ et al., <i>Semin Oncol.</i> 22 Suppl. 11(4):35-41 (1995).
	ET	VANKAYALAPATI et al., <i>J. Chem. Soc. Perk T 1</i> 14, 2187 (2000).
YD	EU	WECHTER et al., <i>J. Med. Chem.</i> , 19(8), 1013 (1976).

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Y0	EV	YAMAMOTO et al., <i>Tetrahedron Lett.</i> 37:1871 (1981).	

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